

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Calloway County, Kentucky**

**Kentucky State Nature Preserves
Commission
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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Calloway	Vascular Plants	<i>Aesculus pavia</i>	Red Buckeye	T /	G5 / S2S3	4	0	0	0	0
Calloway	Vascular Plants	<i>Apios priceana</i>	Price's Potato-bean	E / LT	G2 / S1	0	1	0	1	0
Calloway	Vascular Plants	<i>Arabis missouriensis</i>	Missouri Rockcress	H /	G5?Q / SH	0	1	0	0	0
Calloway	Vascular Plants	<i>Baptisia bracteata</i> var. <i>glabrescens</i>	Cream Wild Indigo	S /	G4G5T4T5 / S3	3	0	0	2	0
Calloway	Vascular Plants	<i>Bartonia virginica</i>	Yellow Screwstem	T /	G5 / S2	1	1	1	0	0
Calloway	Vascular Plants	<i>Carex atlantica</i> ssp. <i>capillacea</i>	Prickly Bog Sedge	E /	G5T5? / S1S2	4	0	0	0	0
Calloway	Vascular Plants	<i>Carex reniformis</i>	Reniform Sedge	E /	G4? / S1?	1	0	0	0	0
Calloway	Vascular Plants	<i>Carex seorsa</i>	Weak Stellate Sedge	S /	G4 / S2S3	1	0	0	0	0
Calloway	Vascular Plants	<i>Coreopsis pubescens</i>	Star Tickseed	S /	G5? / S2S3	0	0	1	0	0
Calloway	Vascular Plants	<i>Eryngium integrifolium</i>	Blue-flower Coyote-thistle	E /	G5 / S1	1	0	0	0	0
Calloway	Vascular Plants	<i>Eurybia hemispherica</i>	Tennessee Aster	E /	G4 / S1	1	0	0	0	0
Calloway	Vascular Plants	<i>Gymnopogon ambiguus</i>	Bearded Skeleton-grass	S /	G4 / S2S3	2	0	0	0	0
Calloway	Vascular Plants	<i>Halesia tetraptera</i>	Common Silverbell	E /	G5 / S1S2	0	0	0	1	0
Calloway	Vascular Plants	<i>Helianthus silphioides</i>	Silphium Sunflower	E /	G4 / S1	2	0	0	0	0
Calloway	Vascular Plants	<i>Hieracium longipilum</i>	Hairy Hawkweed	T /	G4G5 / S2	1	1	0	0	0
Calloway	Vascular Plants	<i>Lilium superbum</i>	Turk's Cap Lily	T /	G5 / S1S2	1	0	0	0	0
Calloway	Vascular Plants	<i>Lycopodiella appressa</i>	Southern Bog Clubmoss	E /	G5 / S1	1	2	0	0	0
Calloway	Vascular Plants	<i>Melanthium virginicum</i>	Virginia Bunchflower	E /	G5 / S1	2	0	0	0	0
Calloway	Vascular Plants	<i>Muhlenbergia glabrifloris</i>	Hair Grass	S /	G4? / S2S3	1	0	0	0	0
Calloway	Vascular Plants	<i>Oenothera linifolia</i>	Thread-leaf Sundrops	E /	G5 / S1S2	0	0	0	1	0
Calloway	Vascular Plants	<i>Oenothera perennis</i>	Small Sundrops	E /	G5 / S1S2	0	0	1	0	0
Calloway	Vascular Plants	<i>Oldenlandia uniflora</i>	Clustered Bluets	E /	G5 / S1	3	0	0	0	0
Calloway	Vascular Plants	<i>Paspalum boscianum</i>	Bull Paspalum	S /	G5 / S2S3	1	0	0	0	0
Calloway	Vascular Plants	<i>Phlox bifida</i> ssp. <i>bifida</i>	Cleft Phlox	T /	G5?T5? / S1S2	0	0	0	1	0
Calloway	Vascular Plants	<i>Prenanthes crepidinea</i>	Nodding Rattlesnake-root	S /	G4 / S3	1	0	0	0	0
Calloway	Vascular Plants	<i>Ptilimnium capillaceum</i>	Mock Bishop's-weed	T /	G5 / S1S2	3	0	0	0	0
Calloway	Vascular Plants	<i>Ptilimnium costatum</i>	Eastern Mock Bishop's-weed	H /	G4 / SH	0	2	0	0	0
Calloway	Vascular Plants	<i>Ptilimnium nuttallii</i>	Nuttall's Mock Bishop's-weed	E /	G5? / S1S2	1	1	0	0	0
Calloway	Vascular Plants	<i>Pycnanthemum albescent</i>	Whiteleaf Mountainmint	E /	G5 / S1	0	0	2	0	0

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Calloway	Vascular Plants	<i>Quercus texana</i>	Nuttall's Oak	T /	G4G5 / S2S3	1	0	0	0	0
Calloway	Vascular Plants	<i>Rhododendron canescens</i>	Hoary Azalea	E /	G5 / S1	1	0	2	0	0
Calloway	Vascular Plants	<i>Rhynchospora recognita</i>	Globe Beaked-rush	S /	G5? / S3	0	0	1	0	0
Calloway	Vascular Plants	<i>Scleria ciliata</i>	Fringed Nutrush	E /	G5 / S2	1	1	0	0	0
Calloway	Vascular Plants	<i>Sphenopholis pensylvanica</i>	Swamp Wedgescale	S /	G4 / S1S2	1	1	2	0	0
Calloway	Vascular Plants	<i>Spiranthes odorata</i>	Sweetscent Ladies'-tresses	E /	G5 / S1	0	0	1	0	0
Calloway	Vascular Plants	<i>Stellaria longifolia</i>	Longleaf Stitchwort	S /	G5 / S2S3	2	0	1	0	0
Calloway	Vascular Plants	<i>Symphotrichum concolor</i>	Eastern Silvery Aster	T /	G5 / S2	1	0	1	0	0
Calloway	Vascular Plants	<i>Symphotrichum drummondii</i> var. <i>texanum</i>	Hairy Heart-leaved Aster	H /	G5T3T4 / SH	0	1	0	0	0
Calloway	Vascular Plants	<i>Trepocarpus aethusae</i>	Trepocarpus	S /	G4G5 / S3	3	0	0	0	0
Calloway	Vascular Plants	<i>Trichostema setaceum</i>	Narrowleaved Bluecurls	E /	G5 / S1	0	0	1	0	0
Calloway	Vascular Plants	<i>Viburnum nudum</i>	Possumhaw	E /	G5 / S1	3	0	3	0	0
Calloway	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	0	0	0	1	0
Calloway	Crustaceans	<i>Orconectes burri</i>	Blood River Crayfish	E /	G1 / S1	12	0	0	0	0
Calloway	Crustaceans	<i>Procambarus viaeviridis</i>	Vernal Crayfish	T /	G5 / S1	1	0	0	0	0
Calloway	Insects	<i>Papaipema</i> sp. 5	Rare Cane Borer Moth	T /	G1G2 / S1S2	1	0	0	0	0
Calloway	Insects	<i>Papaipema speciosissima</i>	Osmunda Borer Moth	E /	G4 / S1S2	1	0	0	0	0
Calloway	Fishes	<i>Atractosteus spatula</i>	Alligator Gar	E / SOMC	G3G4 / S1	0	1	0	0	0
Calloway	Fishes	<i>Cyprinella camura</i>	Bluntnose Shiner	E /	G5 / S1	1	0	0	0	0
Calloway	Fishes	<i>Erimystax insignis</i>	Blotched Chub	E / SOMC	G4 / S1	0	1	0	0	0
Calloway	Fishes	<i>Esox niger</i>	Chain Pickerel	S /	G5 / S3	2	1	0	0	0
Calloway	Fishes	<i>Etheostoma parvipinne</i>	Goldstripe Darter	E /	G4G5 / S1	1	2	0	0	0
Calloway	Fishes	<i>Etheostoma proeliare</i>	Cypress Darter	T /	G5 / S2	3	1	0	0	0
Calloway	Fishes	<i>Etheostoma swaini</i>	Gulf Darter	E /	G5 / S1	1	1	0	0	0
Calloway	Fishes	<i>Hybopsis amnis</i>	Pallid Shiner	E / SOMC	G4 / S1	0	1	0	0	0
Calloway	Fishes	<i>Ichthyomyzon castaneus</i>	Chestnut Lamprey	S /	G4 / S2	2	1	0	0	0
Calloway	Fishes	<i>Ichthyomyzon gagei</i>	Southern Brook Lamprey	X /	G5 / SX	0	0	0	1	0
Calloway	Fishes	<i>Lepomis marginatus</i>	Dollar Sunfish	E /	G5 / S1	1	1	0	0	0

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Calloway	Fishes	<i>Lepomis miniatus</i>	Redspotted Sunfish	T /	G5 / S2	2	0	0	0	0
Calloway	Fishes	<i>Noturus exilis</i>	Slender Madtom	E /	G5 / S1	1	0	0	0	0
Calloway	Fishes	<i>Noturus hildebrandi</i>	Least Madtom	E /	G5 / S1	1	0	0	0	0
Calloway	Fishes	<i>Noturus phaeus</i>	Brown Madtom	E /	G4 / S1	0	1	0	0	0
Calloway	Fishes	<i>Umbra limi</i>	Central Mudminnow	T /	G5 / S2S3	4	1	0	0	0
Calloway	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	0	1	0	0	0
Calloway	Amphibians	<i>Eurycea guttolineata</i>	Three-lined Salamander	T /	G5 / S2	4	0	0	0	0
Calloway	Amphibians	<i>Hyla cinerea</i>	Green Treefrog	S /	G5 / S3	1	0	0	0	0
Calloway	Amphibians	<i>Rana areolata circulosa</i>	Northern Crawfish Frog	S /	G4T4 / S3	1	4	0	0	0
Calloway	Reptiles	<i>Apalone mutica mutica</i>	Midland Smooth Softshell	S /	G5T5 / S3	3	0	0	0	0
Calloway	Reptiles	<i>Eumeces anthracinus</i>	Coal Skink	T /	G5 / S2	4	0	0	0	0
Calloway	Reptiles	<i>Farancia abacura reinwardtii</i>	Western Mud Snake	S /	G5T5 / S3	1	0	0	0	0
Calloway	Reptiles	<i>Lampropeltis triangulum elapsoides</i>	Scarlet Kingsnake	S /	G5T5 / S3	0	0	0	0	1
Calloway	Reptiles	<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	T / SOMC	G3G4 / S2	1	0	0	0	0
Calloway	Reptiles	<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	T / SOMC	G4T4 / S2	5	5	0	0	2
Calloway	Reptiles	<i>Sistrurus miliarius streckeri</i>	Western Pygmy Rattlesnake	T /	G5T5 / S2	0	4	0	0	0
Calloway	Reptiles	<i>Thamnophis proximus proximus</i>	Western Ribbon Snake	T /	G5T5 / S1S2	1	0	0	0	0
Calloway	Reptiles	<i>Thamnophis sauritus sauritus</i>	Eastern Ribbon Snake	S /	G5T5 / S3	0	0	0	1	0
Calloway	Breeding Birds	<i>Accipiter striatus</i>	Sharp-shinned Hawk	S /	G5 / S3B,S4N	2	0	0	0	0
Calloway	Breeding Birds	<i>Aimophila aestivalis</i>	Bachman's Sparrow	E / SOMC	G3 / S1B	0	0	0	4	0
Calloway	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	3	0	0	0	0
Calloway	Breeding Birds	<i>Chondestes grammacus</i>	Lark Sparrow	T /	G5 / S2S3B	1	2	0	0	0
Calloway	Breeding Birds	<i>Haliaeetus leucocephalus</i>	Bald Eagle	T / Delisted	G5 / S2B,S2S3N	2	0	0	0	0
Calloway	Breeding Birds	<i>Nyctanassa violacea</i>	Yellow-crowned Night-heron	T /	G5 / S2B	1	0	0	0	0
Calloway	Breeding Birds	<i>Pandion haliaetus</i>	Osprey	T /	G5 / S2B	2	1	0	0	0
Calloway	Breeding Birds	<i>Phalacrocorax auritus</i>	Double-crested Cormorant	E /	G5 / S1B	1	0	0	0	0
Calloway	Breeding Birds	<i>Thryomanes bewickii</i>	Bewick's Wren	S / SOMC	G5 / S3B	1	1	0	0	0

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Calloway	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	1	0	0	0	0
Calloway	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	1	0	0	0	0
Calloway	Communities	<i>Bottomland hardwood forest</i>		/	GNR / S2	1	0	0	0	0
Calloway	Communities	<i>Bottomland marsh</i>		/	GNR / S1S2	1	0	0	0	0
Calloway	Communities	<i>Cretaceous hills forested acid seep</i>		/	GNR / S1	4	0	0	0	0
Calloway County Total:						124	42	17	13	3